



### Cotton fibre

Nature of test	Testing standard/ method	Sample size (cotton or sliver)	Instrument
Fibre length (2.5% span length and uniformity ratio)	ASTM D 1447-2000	250 g	Digital Fibrograph
Fibre length (mean length, effective length and short fibres)	-	250 g	Baer Sorter
Fibre fineness (air flow method)	ASTM D 5867-1995	250 g	High Volume Instrument
Fibre maturity (caustic soda method)	IS 236-1968 Reapproved 1999	250 g	Microscope
Length, strength and fineness	ASTM D 5867-2005	250 g	High Volume Instrument
Length, strength, fineness, colour and trash	ASTM D 5867-2005	250 g	High Volume Instrument
Neps	ASTM D 5866-2005	100 g	AFIS
Length & maturity	Uster Std.Method	100 g	AFIS
Neps, length & maturity	ASTM D 5866-1995 & Uster Std. Method	100 g	AFIS
Fluorescence	-	500 g	Fibroglow
Moisture content of cotton	ISO 6741-1 1989	250 g	Mesdan Semi Automatic Moisture Tester
Trash content	ASTM D 2812-95 Reapproved 2002	300 g	Trash Analyser

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